CORRECTED VERSION

(19) World Intellectual Property Organization International Bureau





(43) International Publication Date 8 April 2004 (08.04.2004)

PCT

(10) International Publication Number WO 2004/030387 A1

(51) International Patent Classification⁷: H04L 1/02, H04B 7/08

H04Q 7/28,

(21) International Application Number:

PCT/SE2003/001498

(22) International Filing Date:

26 September 2003 (26.09.2003)

(25) Filing Language:

English

(26) Publication Language:

English

(30) Priority Data: 0202847-0

26 September 2002 (26.09.2002) SI

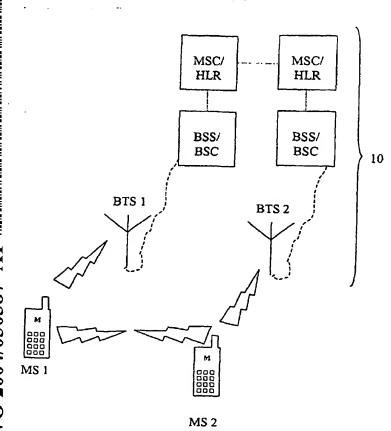
(71) Applicant and

(72) Inventor: Edman, Lars [SE/SE]; Rålambsvägen 54, 1tr., S-112 56 Stockholm (SE).

- (74) Agents: ZACCO SWEDEN AB et al.; P.O. Box 23101, Sveavägen 170, S-104 35 Stockholm (SE).
- (81) Designated States (national): AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, OM, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW.
- (84) Designated States (regional): ARIPO patent (GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW), Eurasian patent (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European patent (AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PT, RO,

[Continued on next page]

(54) Title: DIRECT CELLULAR COMMUNICATION



(57) Abstract: The invention relates to a radio communication means in a mobile station (20) operating on cellular frequency bands, but also on a frequency bands, for transmitting and receiving calls outside a cellular network (10) through direct communication between cellular mobile stations (MS1, MS2). It also relates to a method in a cellular telephony system (10) comprising at least two mobile stations (MS 1, MS 2) communicating.

WO 2004/030387 A1

SE, SI, SK, TR), OAPI patent (BF, BJ, CF, CG, CI, CM, (15) Information about Correction: GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG). see PCT Gazette No. 48/2004 of

Published:

- with international search report
- (48) Date of publication of this corrected version: 25 November 2004

15) Information about Correction: see PCT Gazette No. 48/2004 of 25 November 2004, Section II

For two-letter codes and other abbreviations, refer to the "Guidance Notes on Codes and Abbreviations" appearing at the beginning of each regular issue of the PCT Gazette.